IN THE CLAIMS:

1. (Original) An application editing apparatus for using a computer to edit an application having a model and a view separated from each other, comprising:

an editing module for editing a first model in said application;

a model converter for converting the first model edited by said editing module into a second model; and

a view display module for using a view of said second model to display said second model on a display device;

wherein said view display module comprises an event generator for generating an event based on an update in said second model if said second model is updated based on an edit of said first model made by said editing module and changes the view displayed on said display device based on the event generated by said event generator.

2. (Original) The application editing apparatus according to Claim 1, wherein said view display module further comprises a difference extractor for extracting a difference between said second models before and after an update if said second model is updated based on an edit of said first model made by said editing module; and said event generator generates said event by using information about said difference extracted by said difference extractor as a parameter.

3. (Original) The application editing apparatus according to Claim 1, wherein said model converter converts an individual element of said first model into a corresponding element of said second model.

4. (Original) The application editing apparatus according to Claim 1, wherein, if said second model contains no element corresponding to a converted element of said first model, said model converter adds an element corresponding to said converted element to said second model.

5. (Original) The application editing apparatus according to Claim 1, wherein said model converter converts an element edited by said editing module in said first model into a corresponding element in second model and updates said second model with said converted element.

6. (Original) An application editing apparatus for using a computer to edit an application having a model and a view separated from each other, comprising:

an editing module for editing a first model in said application;

a model converter for converting the first model edited by said editing module into a second model;

a view display module for using a view of said second model to display said second model on a display device; and

an event converter for converting an event causing an update made to said first model to be reflected in a view of said first model into an event changing the view of said second model by using a conversion rule for converting said first model into said second model,

wherein said view display module changes the view displayed on said display device based on the event generated by said event converter.

7. (Original) A data processing method of using a computer to display a model in a given application in a view in another application, comprising the steps of:

reading a second model in said another application from a data storage storing said given application and updating said second model so that the update is reflected in said second model if a first model in said given application is updated; and

generating an event based on the update made to said second model and, based on said event, changing the view displayed on a display device in said another application.

8. (Original) The data processing method according to Claim 7, wherein said step of changing the view in said another application comprises the steps of:

extracting a difference between said second models before and after the update;

making a change corresponding to said difference to said second model before update to generate said event; and

changing said view based on said event.

9. (Original) The data processing method according to Claim 8, wherein said step of updating said second model comprises the step of converting an individual element of said first model into a corresponding element of said second model, and said step of changing the view in said another application comprises the step of extracting a difference in the individual converted element of said second models before and after the update.

10. (Original) The data processing method according to Claim 7, wherein said step of changing the view in said another application comprises the step of converting an event causing

the update made to said first model to be reflected in a view in said given application into an event changing the view in said another application by using a conversion rule for converting said first model into said second model.

11. (Currently Amended) A program for controlling a computer to execute an application having a model and a view separated from each other, said program causing said computer to perform the process steps of:

reading a model in said application from a data storage storing said application and displaying a view of said model on a display device;

extracting ~~an~~ a difference between said models before and after an update if said model is updated;

generating an event for changing said view based on said extracted difference; and

changing said view displayed on said display device based on said generated event.

12. (Original) A program for controlling a computer to edit an application having a model and view separated from each other, said program causing said computer to operate as:

an editing module for editing a first model in said application;

a model converter for converting the first model edited by said editing module into a second model;

a difference extractor for extracting a difference between said second model and said second model previously converted if said first model is converted by said model converter into said second model;

an event generator for generating an event based on the difference extracted by said difference extractor; and

a view display module for displaying said second model in a view of said second model and, based on the event generated by said event generator, changing the view displayed on said display device.

13. (Original) The program according to Claim 12, wherein said model converter converts an individual element of said first model into a corresponding element of said second model.

14. (Original) The program according to Claim 12, wherein said difference extractor extracts a difference between the converted elements before and after the update of said second model.